



**SOLVAY
MINERALS**

**COPIED TO
FOURTH FLOOR**

May 21, 2001



WDEQ-Air Quality Division
250 Lincoln Street
Lander, WY 82520

RE: Compliance Stack Test Report for AQD #80

Dear Tony:

Enclosed you will find Stack Test Report No. 1457A for AQD #80 (Calcliner #4). The testing was conducted on March 1 and March 2, 2001 by AIRTECH Environmental Services Inc.. The purpose of the testing was to demonstrate compliance with the emission limits set forth in CT-1347, which was issued February 6, 1998.

Nitrous Oxide (NO_x) emissions were determined by EPA Reference Method 7, Particulate emissions were determined by the sum of EPA Reference Method 5 front half and Method 202 back half inorganic. EPA Reference Method 10 was used to determine Carbon Monoxide (CO) emissions, and Methods 25a and 18 were used to determine Total Non-Methane Hydrocarbon (TNMHC) emissions. The TNMHC emissions are considered to be Volatile Organic Compound (VOC) emissions.

Results of the tests are tabulated below:

Pollutant	Permit Limit (or *Estimate) PPH	Test Result PPH	% of Emission Limit (or Estimate)	Prod'n Feed Limit TPH	Test Prod'n Feed TPH	% of Prod'n Feed Limit
NO _x	20.0	12.0	60	275	255	93
Particulate	12.25	7.93	65	275	255	93
CO	*1048	168	*16	275	255	93
TNMHC	*534	17.3	*3	275	255	93

* Refers to permit estimate, not permit limit. CO and TNMHC (VOC) emissions are not "limited", but estimates were provided in the permit application for CT-1347.



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As evidenced by the test results, AQD #80 is in compliance with NO_x and Particulate emission limits, as well as within the estimates for CO and VOC emissions.

If you have any questions concerning the test results, please feel free to contact me at (307) 872-6571.

Sincerely,

Dolly A. Potter
Environmental Services Supervisor

Enclosure

cc: Dan Olson w/ enclosure

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